

## Statewide Health Information Exchange

- Core components of the KHIE include: a master patient/person index; record locator service; security; provider/user authentication; logging and audits; clinical messages and alerts. The system includes patient demographics, lab results, radiology and transcription reports, historical patient diagnoses, medications, procedures, dates of services, hospital stays, reporting to the state immunization and cancer registries, reporting of syndromic surveillance data and reportable labs/diseases. KHIE also offers a community record (virtual health record) for care coordination.
- First pilot hospital was connected in April 2010
- Statewide rollout began in January 2011. Pilot participants included 6 hospitals and one clinic

## KHIE Connectivity Options and Available Data

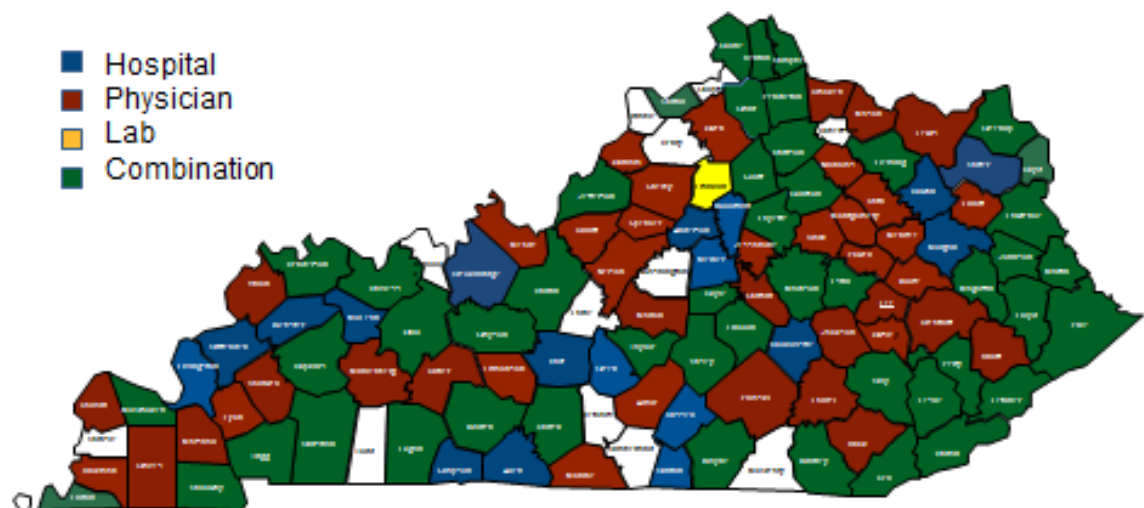
- The patient clinical record is available through the Community Record or Continuity of Care Document (CCD)
  - The Community Record uses edge servers connected via a Virtual Private Network (VPN) for connectivity
  - The CCD uses web services for connectivity
- KHIE is seeded with four years of Medicaid claims data

## Implementation Seed Capital

- Medicaid Transformation Grant (MTG)
- HHS Office of the National Coordinator (ONC) State HIE Cooperative Agreement Program

## Participants

- 673 Signed Participation Agreements (Represents 2,543 Locations)
- As of November 12, 2014 KHIE had a total of 1021 provider locations submitting live data and actively exchanging information. 82% of the hospitals are live on KHIE. (See map below)



Others:  
 \*Kentucky Immunization Registry  
 \*State Lab (Microbiology) (Franklin)  
 \*Grundy, VA  
 \*Hamilton, OH  
 \*Indiana  
 \*Pennsylvania Behavioral Health Ctrs

## Regional Extension Centers (REC) with Kentucky Service Regions

- Kentucky Regional Extension Center at the University of Kentucky: <http://kentuckyrec.com/>
- Tri-State Regional Extension Center at Healthbridge: <http://tristaterec.org/>

Kentucky Medicaid EHR Incentive Program Status, November 12, 2014				
	Registrations	Completed Attestations	Total Paid	Amount Paid
Hospitals	95	221	210	\$115,414,256.68
Providers	3,298	4,159	3,352	\$58,494,166.81
Totals	3,393	4,380	3,562	\$173,908,423.49
Kentucky Medicare eHR Incentive Program Status, March 2014				
Total (Hospitals & Professionals) Payments 4,593			Amount Paid \$ 241,846,330.77	
Latest News				
<ul style="list-style-type: none"><li>• KHIE and KY CHILD have signed an agreement to develop an interface that will automate mapping of disparate identifiers, improve the data quality in KHIE and the KY Immunization Registry, and reduce if not eliminate errors in newborn information.</li><li>• KHIE passed another milestone with over 600 signed Participation Agreements, representing over 2,400 provider locations.</li><li>• KHIE Community Record/Virtual Health Record trainings are scheduled in October and November for Carroll County Hospital, Trigg County Hospital and Marcum &amp; Wallace Memorial Hospital.</li></ul>				
<ul style="list-style-type: none"><li>• <b>Kentucky Health Information Exchange:</b> <a href="http://khie.ky.gov">http://khie.ky.gov</a> Email: khie@ky.gov Phone: 502-564-7992</li></ul>				
Updated KHIE Statistics as of November 14, 2014				
FFS MEDICAL			75,107,085	
FFS RX			47,092,037	
MEMBER UNDUP COUNT			1,724,839	
PASSPORT MEDICAL			60,546,702	
<b><u>KHIE Statistics as of 11/13/2014</u></b> Statistics (CCD Technology)				
– Total Queries:			230,820	
– Total Documents Returned:			165,726	
– Currently averaging			57,705 queries per week	
– Response time CCD Returned: 8.33 sec				
– Response time No CCD Returned: 3.98 sec				
– ADT Transactions			10,798,537	
– Lab Transactions			1,939,240	
– Immunization Transactions			406,948	
(VHR Statistics)				
– VHR Query			806,823	